

IN THE CLAIMS

1. (currently amended) A connector assembly, comprising:

a housing comprising a jack interface, said jack interface having a receptacle jack therein, said receptacle jack being configured to receive a plug; ~~and~~

a sensor bezel removably attachable to said jack interface, said sensor bezel comprising a cavity extending therethrough to allow passage of a plug when inserted into said receptacle jack, said sensor bezel including a circuit board proximate said jack cavity, and at least one sensor contact aligned with, and configured to engage, a sensor probe associated with a plug insertable into said receptacle jack; and

an output cassette connected to said circuit board, said output cassette configured to generate an output signal through a front of said sensor bezel.

2. (original) The connector assembly of claim 1, wherein said circuit board includes a card edge connector.

3. (original) The connector assembly of claim 1, wherein said at least one sensor contact comprises a plate.

4. (cancelled)

5. (currently amended) The connector assembly of ~~claim 4~~ claim 1, further comprising an interchangeable output cassette connected to said circuit board, said output cassette configured to generate a desired output signal for monitoring a connection to said receptacle jack.

6. (original) The connector assembly of claim 1, wherein said sensor contact is positioned between said sensor bezel and said jack interface.

7. (original) The connector assembly of claim 1, wherein said sensor bezel comprises an output opening.

8. (original) The connector assembly of claim 1, wherein said housing is an interconnect cassette comprising signal and sensor input/output (I/O) interfaces located on at least one of a front and rear surface of said interconnect cassette, said signal and sensor I/O interfaces electrically connecting to said receptacle jacks and said circuit board, respectively.

9. (original) The connector assembly of claim 1, wherein said housing is electrically connected to a network component and a sensing component through said circuit board.

10. (currently amended) An interconnect cassette configured to electrically communicate with a network component and a sensing component, comprising:

a housing comprising a jack interface, said jack interface having a plurality of receptacles formed therein, each of said plurality of receptacles being configured to receive a plug of a patch cord; ~~and~~

a sensor bezel removably attachable to said jack interface, said sensor bezel configured to engage said jack interface and having at least one cavity extending therethrough to allow passage of a plug when inserted into one of said receptacles, said sensor bezel including a circuit board and a plurality of sensor contacts electrically connected to said circuit board, each of said sensor contacts being aligned with, and configured to engage, a sensor probe associated with a plug insertable into said receptacle; and

an interchangeable output cassette coupled to said circuit board, said output cassette adapted to provide a desired output signal to a sensing component.

11. (original) The connector assembly of claim 10, wherein said circuit board comprises a card edge connector.

12. (original) The connector assembly of claim 10, wherein said sensor contacts are separately provided from said bezel.

13. (original) The connector assembly of claim 10, wherein said sensor contacts comprise conductive plates in electrical contact with the circuit board.

14. (original) The connector assembly of claim 10, wherein said sensor bezel comprises an output opening.

15. (cancelled)

16. (original) The connector assembly of claim 10, further comprising an output cassette, said output cassette comprising an output connector, said output cassette positioned to be accessible through said sensor bezel.

17. (original) The connector assembly of claim 10, wherein said circuit board is overmolded in said sensor bezel.

18. (original) The connector assembly of claim 10, wherein said connector assembly is at least one of electrically and optically connected to a network component and a sensing component through said circuit board.

19. (original) A sensor bezel configured to be removably secured to a network connection component having a plurality of receptacle jacks formed therein, aligning with, and configured to engage sensor probes associated with plugs, each of which may be inserted into one of the receptacle jacks, said sensor bezel comprising:

a circuit board;

a bezel holding the circuit board;

at least one jack cavity proximate the circuit board;

a plurality of sensor contacts configured to be positioned proximate respective receptacle jacks; and

an interchangeable output cassette generating a signal dependant upon the connections to the receptacle jacks.

20. (previously presented) The sensor bezel of claim 19, wherein said output cassette is configured to generate said signal through the front, or rear, of said sensor bezel.

21. (original) The sensor bezel of claim 19, wherein said circuit board includes a card edge connector.

22. (original) The sensor bezel of claim 19, wherein each of the sensor contacts are metallic plates, said plates located between said sensor bezel and a jack interface of the network component.